

## Edmonton Terry Fox Run – 15 September

The fifth annual Edmonton Terry Fox Run will be held 15 September, and will begin at the Students' Union Building. The 10 kilometer run is being endorsed by the Students' Union and President Horodyski. Registration forms and pledge sheets can be picked up at 7-11 Stores, the YMCA and YWCA, Shoppers Drug Marts, and Collegiate Sportsworld.

# FOLIO

University of Alberta

22 August 1985

## University/Community Special Projects Fund Puts Ten Projects on Wheels

The University/Community Special Projects Fund is bankrolling ten diverse projects.

Jorge Frascara, Art and Design, received \$7,895 for catalogue and poster production in connection with the department's exhibit at the Edmonton Art Gallery. (The exhibition will take place 14 September to 27 October. Further details will appear in the next *Folio*, 5 September.)

Max van Manen, Secondary Education, was given \$5,000 toward the 1985 production budget of the *Phenomenology and Pedagogy Journal*.

The J. MacGregor Smith Collection on Agricultural Mechanization was supported with \$1,000 for typing costs and miscellaneous library materials as outlined by Ken Domier, Agricultural Engineering.

The Department of Drama's Brian Baillie and Studio Theatre received \$5,000 to cover partial operating costs of the Theatre.

John Jagodzinski, Secondary Education, was given \$2,100 for production of materials, brochures and

minutes associated with the International Institute for Peace Education.

University Collections and Helen Collinson received support for the following projects: \$5,420 for proposed expenditures in connection with the Collections enhancement

program for 1985-86 (honoraria, publicity, films, travel expenses for speakers and other miscellaneous costs); \$2,000 for the acquisition of Japanese Prints (51) and index by Kunisadia II; and \$3,400 for the purchase of Inuit drawings (20) by Victoria Mamnguqsulauk.

Norma Gutteridge, University Press, was awarded \$11,366 for production costs associated with the publication of *The Métis in the Canadian West*.

Classics' Alastair Small was given \$5,000 for the purchase of a Greek Black-figure Amphora. □

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- Music at MacKenzie
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- Rec. needs of special groups studied

### Opinion

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### Cryptic Pic.

Where, when and why? Answer on page 4.

## Join in the 1885 Spree! . . .

There's going to be a junket at Fort Edmonton Park on Friday, 6 September, to celebrate the arrival in 1885 or earlier of the pioneers who came to the Edmonton area. Descendants of those brave and hardy souls will be special guests at the celebration, and each family will be given a "100-year Edmonton Family" certificate.

It's going to be an old-time family party with a picnic atmosphere, open to the public for

a small admission fee which will include entrance to the Park, streetcar rides, refreshments, music, dancing, and fun and games for the children. It will all happen on 1885 Street from 4 p.m. to 11 p.m., and any profits will go to support the Fort Edmonton Historical Foundation.

Tickets will be on sale in a number of malls on 24 August, or telephone 434-7585. □



## . . . Then Come to the Grand Old Fair!

Edmonton Parks and Recreation are bringing alive a touch of the past in their Grand Old Fair, Sunday, 8 September from 10 a.m. to 3 p.m. The event is based on the original fairs that took place between the late 1800s and World War I, and will be held at Donald Ross Park (101 Street and 96 Avenue), original site of the Rosedale Fair.

Our University is helping recreate the old-time atmosphere by exhibiting cattle, sheep, pigs

and poultry from the University Farm. Other activities will include a farmers' market, exhibits, photo essays, contests, sports, storytelling, and for the more rambunctious, a kissing booth which comes complete with an Edmonton Oiler. Everyone is invited to come and spend an enjoyable day at the fair, which is being sponsored by Edmonton Northlands and Western Canada Lotteries. □



### ARC is re-named Robert Newton Research Building

The Alberta Research Council (ARC) Building has been formally re-named after the University's fourth President, Robert Newton. Dr. Newton, now living in California, was associated with the University from 1919 to 1950 as Professor (Field Husbandry), Head (Field Crops), Dean (Agriculture) and President (1942-1950). The official name change came in a brief ceremony held 24 July.

## Recreation, Parks and Wildlife Federation: A Generous Donor to University Projects

Valerie Blakely, Recreation and Leisure Studies, has just received a grant of \$11,400 from the Recreation, Parks and Wildlife Federation. The funds will help cover the writing, editing and publication costs of a project that will describe "special populations" (meaning children up to eight years old, senior citizens, those in correctional institutes, the mentally handicapped, the physically disabled and the mentally ill) and their special recreational needs. Dr. Blakely will attempt to develop a model to enable delivery of comprehensive recreational services to these special populations.

This is the latest of the grants donated to our University by the Federation, which, since 1980, has

allotted approximately \$8.9 million within Alberta to projects relating to parks, recreation and wildlife.

The Federation's funding comes from private donations and bequests and corporate and small business donations, with some contributions from the Western Canada Lottery Foundation. Grant recipients receive partial funding for their projects and are required to submit a report within 60 days of completion. Any unused monies are returned to the Federation.

University departments that have benefited include Zoology and Occupational Therapy, and the Faculties of Agriculture and Forestry and Physical Education and Recreation, the latter having received more than \$250 thousand in grants from the Federation. □

## Conditions of Quality Education

by Alexander Matejko, Department of Sociology

There are various approaches towards excellence in university education. These approaches are largely influenced by the goals and vested interests which lie behind them. From an *Administrative* perspective, the elimination of nuisances, such as efforts by innovators, is often the primary factor. From a *student* perspective, the amount of difficulty in achieving good grades, a preference for easily digestible course material, and the degree to which an instructor is a good "buddy" are important. From a *teacher* perspective, the merit rating system is an important factor: if research, publication and consulting count more than teaching, there is a greater chance that teachers will develop an opportunistic approach to student training.

In choosing a strategy to overcome difficulties and implement quality education, all the factors mentioned above must be taken into consideration. In this respect, it is necessary to first formulate a set of conditions on which *quality* education should be based. The following are proposed:

### 1. Understanding vs. Memorization

It is a noble tradition of university education to offer *insight* instead of a ready-made formula. This is particularly valid in societies faced with rapid change, since instrumental knowledge focused on practical skills changes all the time and a narrow education would lead to obsolescence. A broad-profile education is a long-lasting educational investment, and therefore, it is a waste of public money to primarily subsidize the training of skills that have only short-term value. A certain amount of memorization is always needed, but should not be the focal point of university education. From this perspective examinations, such as "multiple choice" and "short answer," are of doubtful value. Instead, essay and oral exams should be applied more widely. Tutorials are also badly needed. These allow students to engage in discussion as they learn to defend their intellectual positions, articulate their arguments clearly, and join with the instructor in a collective effort to search out the truth.

### 2. In-depth Approach vs. Superficial Approach

University education is something totally different than just ego reinforcement and advertising. Without overcoming these difficulties there is no lasting value in taking university courses. The actual purpose of academic training should be the transformation of students by developing their *diagnostic* skills; increasing their awareness of the complicated nature of the matters they study; developing their ability to independently promote their own investigations; acquiring a *professional* orientation toward the subject of their work; helping them toward long-term planning of their efforts; and to approach critical absorption of professional knowledge.

The university should not be an arena in which the instructor attempts to make a good impression and keep his/her clients happy. Especially in universities heavily subsidized by public funds, the instructor represents broader social interests which may conflict with the interests of students. It is a good instructor's duty to make students aware of their inadequacies and direct them toward better performance based on self-awareness and the recognition of the ability to change oneself. Of course, it is not the role of the instructor to engage in an "ego trip" and use students as a captive audience for self-aggrandizement. It is not proper for an instructor to patronize students; simplify difficult issues; claim he/she knows more than his/her limits; entertain instead of educate; take an opportunistic stand; use mediocre teaching resources; or practice cheap politics.

### 3. Mature Approaches vs. Immature Approach

University students are potentially the future professional colleagues of the instructor and should be treated accordingly. Therefore, a high level of expectation is valid for both the instructor and the student. In this respect, the professional standards of a given discipline should set the guidelines and to bend them, making everything easy and covering weaknesses, will cause a great deal of harm.

The principle of *apprenticeship* is especially valid at the graduate level. Students at this advanced level have much to learn from *experienced* professors. In the long run, easy grades and easy diplomas will result in the depreciation of learning. University departments are centres of apprenticeship, and the effectiveness of the department depends on the contribution of both students and instructors. The *collegial* approach between the instructor and graduate students should primarily be directed by the demands of apprenticeship and not by other concerns: such as, which professor is most lenient in graduate supervision (diploma acquired by private arrangement between consenting individuals); or who is the most popular person; or who is open to "buddy" relationships; and so forth.

### 4. Spiral Approach vs. Linear Approach

Quality learning means the gradual upgrading of knowledge and understanding and not merely a nonselective accumulation of as much data as possible. The process of professional maturation necessitates the constant re-evaluation of what has been learned and not just superficial and chaotic jumping from one set of data to another. There is a need for reinforcement of *core* knowledge and to make sure that students return, from time to time, to the basics in order to grasp the distinction between the *general* and the *particular*. There is a need for the guidance of students in the selection of their courses in order to promote systematic learning rather than a distorted collection of unrelated data and insights.

One of the most important skills is *critical reading*, especially at the level of concept and theory. It is advisable for instructors and students to read difficult texts together to interpret each sentence, or even each word, in order to grasp the depth of the particular text (this has been practised for centuries in theological colleges). Education is a matter of *quality* not of quantity. In general, it is better to cover less material in depth, than to go superficially through a large amount of material. Unfortunately, textbooks are often overloaded with data and do not adequately address the validity of these data. Quoting large numbers of research projects is not enough to make a university course truly scientific and academic.

Quantity of knowledge does not automatically transform into quality knowledge. It is the *academic* task to achieve this transformation in the process of education. This requires the mutual trust and joint effort of the instructor and students. Continuous movement between the *specific* and the *general* is the essence of the learning process, and preoccupation with only the specific is obviously harmful to quality education.

### 5. Dialectical Approach vs. Doctrinaire Approach

The university is a forum for learning and not for propaganda. People who are soliciting clients or believers should exercise their skills outside of academia. The main task of instructors is to expose students to the analytical handling of subjects, thereby helping them to grasp mutual relationships between subjects and to trace the dynamics of phenomena underlying the objects of investigation. The doctrinaire approach may be equated to advertising and is based on the assumption that a particular approach is unquestionably superior. An instructor has academic freedom to his or her personal views on issues and this should be clearly communicated to students, allowing them to consider counter-arguments. The classroom is *not* a forum in which to indoctrinate students by emphasizing one view at the neglect of others. Students should be clearly warned if a given course is oriented primarily, or exclusively, toward a particular view.

Dialectics involves learning and grasping the dynamic nature of phenomena by focusing on contradictions. Students who are used to a simplified version of reality may find this multi-sided approach uncomfortable and difficult. In the social world, the *yes-no* approach often does not help to understand the complicated nature of phenomena and many would prefer a simplified explanation. However, this does not mean that universities should conform to the dubious practices of non-professional salesmanship. □

## A Courtyard Concert Series

The Medical Students' Association (MSA) is planning a noon-hour concert series of classical music, to be given in the fourth level courtyard of the W.C. MacKenzie Health Sciences Centre, beginning in September. Performances, lasting half an hour, will be live and classical music buffs should certainly attend.



The concerts are the brainchild of the class of '88 with strong support from the staff and administration of medicine, and from music circles in and around the city. Medical students will host the event every Thursday, and performing artists will include professionals, gifted amateurs, and students of the University and Alberta College music programs. As it is a luncheon event, the audience is encouraged to bring sandwiches, soak up some sun while it's still warm, and take the opportunity to meet patients and medical staff in a social setting.

The MSA has a fund-raising drive under way to raise \$10,000 to buy a grand piano. The piano will be presented to the University of Alberta Hospitals, and will permanently grace the courtyard home of the coming classical series. Those who wish to contribute to the fund may send cheques to: "Courtyard Concert Series", Department of Community Relations, Walter C. Mackenzie Health Sciences Centre, 8440-112 Street, Edmonton, Alberta T6G 2B7. □

## Public Hearings to Discuss Recycling

The Environment Council of Alberta (EAC) is planning a series of public meetings in 1986 on the subject of recycling. Preliminary public meetings will begin this fall.

People interested in the potential for material and resource recovery from waste should attend. For information on the hearings, telephone 427-5792 or write to the Environment Council of Alberta, 8th Floor, Weber Centre, Calgary Trail Southbound N.W., Edmonton, Alberta T6H 5P9. □



Saskatchewan Drive and 111 Street, opposite the Humanities Centre, on Thursday, 15 August. This film set provided a perfect playground for Joel Dacks, a McKernan Junior High student, and "The Little Vampire" in a 13-part television series of the same name. He and Christopher Stanton, a nine-year old Sherwood Park resident, along with vampiress Marsha Moreau of Fort Erie, Ont., play leading roles in the \$2.5 million Canada/Germany/England production filmed this month on campus and around Edmonton. (Photo: Tamie Heisler)

## Athletic Services Appointments

Four new appointments in the Department of Athletics have been announced by Chairman R.D. Steadward.

Dale Schulha has become Director of Promotions and Public Relations, effective 19 August. An alumnus of this University (BPE, 1972; MSc, 1974), Mr. Schulha was a member of the Golden Bears football team from 1968 to 1972 (Vanier Cup year), and was the 1968 Percy Daigle Trophy winner as the outstanding freshman on the team. He has taught for the Edmonton Public School Board, was director of physical education and athletics at Medicine Hat College and was manager of technical operations for the 1983 World University Games. He comes to our University from the Alberta Sport Council, where he was marketing manager.

Susan Natrass became Coordinator of Women's Athletics, effective 19 August. An alumna of this University (BPE, 1972; MA, 1974), Ms. Natrass has

considerable experience of national and international sports, having represented Canada in many competitions as a member of the trapshooting team and as delegate or speaker at international conferences. She was gold medalist and world record holder in the Women's World Trapshooting Championships six times between 1974 and 1981. In 1981 she was awarded the Lou Marsh Trophy as Canadian Athlete of the Year and was also made an officer of the Order of Canada. A member of the National Advisory Council on Fitness and Amateur Sports, Ms. Natrass has worked closely with local and national sports associations. By the end of this year, she hopes to have completed her PhD.

Coaching vacancies on the Pandas soccer team and Golden Bears wrestling team have been filled by Tracy David and Mark Yurick, respectively, both appointments effective 1 September.

In 1983-84, Ms. David played for the Pandas soccer team, the first women's soccer team in the West. She was awarded the Nonie St. Peter Trophy for outstanding contribution to the team that year, and was assistant coach in 1984-85. Ms. David is administrative director of the Edmonton Minor Soccer Association.

Mark Yurick wrestled on the Golden Bears team from 1978 to 1982. He won four Canada West titles and was fourth (three times) and second (once) at the CIAU National Championships. In 1984-85 he helped coach the team to four Canada West titles and two CIAU National titles. Since graduating from our University in 1982, he has taught in the Edmonton school system.

Jim Donlevy, well known as head coach of the Golden Bears football team, has been appointed Coordinator of Men's Athletics and, in addition to coaching, will now assist the Chairman in dealings with inter-collegiate teams. □

## Utilities Corridor a Thing of Beauty to Physical Plant's Eyes

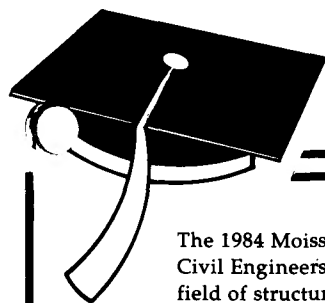
Watertight. What a comforting word, especially when 280,000 cubic metres are purchased monthly from the City of Edmonton at a rate of 70.6 cents per cubic meter and distributed to about 45 buildings. Things did not always go so swimmingly for this customer, the University of Alberta. In 1977-78, for example, about 15 percent of the precious commodity was escaping through the pipes. Nothing of flood proportions, but nevertheless a cause for concern. Edmonton soils, it seems, are not the most stable. Stan Ostapowich, Physical Plant Utilities Engineer, has learned from experience that they freeze and thaw and move. Piping moves too and eventually it's no longer watertight.

The University's former utilities system was one of castiron pipes running through trenches. The checking of joints was ruled out and it was virtually impossible to

tell where leakage was occurring. With the advent of the utilities corridor, a 6.3-mile network of welded steel pipes, water is getting from here to there like nobody's business. There is no measurable loss now, according to Mr. Ostapowich.

To help ensure that no water goes AWOL, the corridor is patrolled at least once a day by an eagle-eyed gentleman on a 50cc Honda. Whistling in the halls is permitted because the system is saving the University nearly \$30,000 per month over what would have had to be spent if the old system had remained in use.

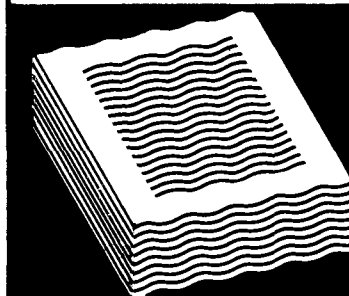
In addition to the pipes which transport water from the central cooling plant to the various buildings, the 10'x10' corridor contains natural gas pipes, and telephone and low tension computer system cables. The pipes are welded steel and are heavily insulated. □



## Activities

The 1984 Moisseff Award of the American Society of Civil Engineers, given for the outstanding paper in the field of structural design published in the Journal of the Society in 1985, has been awarded to **John L. Dawe** (MSc, 1971; PhD, 1980), University of New Brunswick, and **Geoffrey L. Kulak**, Civil Engineering... At a Maastricht, Holland, NATO Advanced Study Institute on motor skill acquisition in children, **Ted Wall**, Chairman, Physical Education and Sports Studies, spoke on "A Knowledge-Based Approach to Motor Skill Acquisition". ...The first clinical clerkship by a visiting student in the Occupational Health Program in the Faculty of Medicine was completed recently and **Tee L. Guidotti**, who heads the program, will be visiting Birmingham University next month to discuss further exchanges... On 1 August, **E. Dux** was appointed Acting Manager of the Vehicle Pool on the retirement of Geoff Panter, effective 31 October... **Kevin J. Ilcisin** has won first place in the student paper competition of the Canadian Region of the Institute of Electrical and Electronics Engineers (IEEE) and will receive the Hackbusch Memorial Award and \$300 prize money at the IEEE Conference and Exposition in Toronto, October, where he will present his prize-winning paper... **Agnes Yu**, Edmonton Public Schools, and **Bruce Bain**, Educational Psychology, have published *Social Class, Language and Cognitive Style*, an ethnographic and empirical analysis of first and second language teaching in Hong Kong and Alberta... **Helen Liebel-Weckowicz**, History, has recently had articles published on "Herder's Place in the Development of Ideas on Human Genesis and Evolution" and "The Revolt of the Württemberg Estates, 1764-1770". In addition, she has several entries in *The Historical Dictionary of Napoleonic France, 1799-1815*.

## Currents



### Banquet in Aid of Child Health Care in Ghana

Ghanaian students and the Ghana Friendship Association will be hosting a cultural banquet in the banquet hall of the Jubilee Auditorium, Saturday, 31 August at 6:30 p.m. 439-4508 or 432-5950.

### Buffalo Exhibit: "These Beast on ye Barren Ground"

Continues at Ring House Gallery until 6 October.

**Elizabeth L. Empey Lecture Series**  
Home Economics and Extension and the Faculty of Continuing Education at the University of Calgary announce the topic of the third Elizabeth L. Empey Lectureship Series: "Surviving Change: Coping with Stress in the 1980s." Hamilton McCubbin will speak at our University 18 September, at 7:30 p.m. 432-5070.

### Faculty Badminton Club

Faculty Badminton Club, Education Gym, every Wednesday from 7:30 p.m. to 10 p.m., beginning 11 September. B.V. Paranjape, 464-9228.

### CITL Workshop

An all-day workshop, "A quick course in peer consultation to improve teaching", will be held Friday, 6 September. Guest speaker is Richard Tiberius, University of Toronto. 432-2826.

## Surplus Equipment

The equipment appearing in this column is available only to University departments with University-administered funds. For more information, telephone Jody Brookwell or Roy Bennett, 432-3208.

For Sale: Chubb-Mosler Taylor Safe. D. Cain or W. Wahl, Housing and Food Services, 432-4281 / 3208.

For Sale: Assorted lab accessories such as: culture tubes, test tube stoppers, aluminum test tube rack, test tubes, vials, petri dishes, boiling flasks, blood urea nitrogen tubes, Folin-Wu blood sugar tubes, microcapillary pipets, melting point capillary tubes, graduated cylinders, corks, screw caps. Helen Fyles, Soil Science, 432-5481.

For Sale: Varian HA-100-12/Digilab FTS/NMR system as complete instrument or components: 23 Kgauss low-impedance electromagnet, power supply and cooler; Nova 1200 computer; Data General disk drive; Digilab radio frequency components; two 5 mm NMR probes for proton and phosphorous plus accessories; all fully operational. Tom Nakashima, Chemistry, 432-3507/2573.

## Award Opportunities

### Canadian Water Resources Association Scholarships in Water Resources

**Donor:** Canadian Water Resources Association. **Where tenable:** Canadian universities or colleges. **Level:** Undergraduate or graduate. **Field:** Program of study focussing upon water resources in Canada. **Value:** \$500—Undergraduate level. \$1,000—Graduate level. Plus a one-year membership in the Canadian Water Resources Association. **Number:** One—Undergraduate student. Two—Graduate students. **Duration:** Not specified. **Conditions:** Canadian citizens or permanent residents who are full-time students, in any discipline or profession, whose programs of study focus upon water resources in Canada. **Closing date:** 31 October 1985. **Further information:** Chairman, CWRA Scholarship Committee, Grand River Conservation Authority, 400 Clyde Road, Cambridge, Ontario N1R 5W6.

### Government of Finland Scholarships

**Donor:** Finland. **Where tenable:** Finland. **Level:** Graduate. **Field:** All fields. **Value:** 1,700 Finnish marks per month, accommodation in a dormitory at 100 marks monthly, travel in connection with study program in Finland plus tuition, and return airfare. **Duration:** Up to nine months, with the possibility of a continuation grant. **Conditions:** Canadian citizenship; working knowledge of English, German, Finnish, or Swedish. People who have been engaged in a professional career for several years after termination of their studies are not eligible. **Closing date:** 31 October 1985. **Further information:** Scholarship Administration Services, AUCC, 151 Slater Street, Ottawa, Ontario K1P 5N1; (613) 563-1236.

### Government of Hungary Graduate Scholarship

**Donor:** Hungary. **Where tenable:** Hungary. **Level:** (a) Graduate studies scholarship. (b) Research fellowship. **Field:** All fields. **Value:** 3,500 forints per month for (a); 5,000 forints per month for (b); as well as accommodation; study or research-related travel within Hungary; tuition; medical, dental, and hospital services; air transportation. **Number:** Two. **Duration:** 10 to 12 months with possibility of renewal. **Conditions:** Canadian citizenship; at least the equivalent of a first Canadian university degree at the time the scholarship comes into effect. Knowledge of the Hungarian language is essential for fields of study such as Hungarian literature and linguistics. **Closing date:** 31 October 1985. **Further information:** Scholarship Administration Services, AUCC, 151 Slater Street, Ottawa, Ontario K1P 5N1; (613) 563-1236.

### Helen E. Penhale Graduate Research Travel Award

The Faculty of Nursing is pleased to announce the establishment of the Helen E. Penhale Graduate Research Travel Award, the first such award established for graduate students in nursing.

The award was made possible by the generosity of Miss Penhale and her brother, John Penhale. Miss Penhale served as Director of the University's School of Nursing from 1946 to 1956 and is widely recognized for her contributions to the nursing profession and her strong support of graduate education in nursing.

Two awards of up to \$500 each will be

available annually to graduate students in the Faculty of Nursing for the purpose of either presenting a paper or research proposal at a scientific conference or attending a research conference that is thought to be significant for the development of the student's research abilities. Criteria for selection will include applicants' demonstrated ability in research and progress in developing a research proposal. *Further information:* Shirley M. Stinson, Associate Dean (Graduate Education and Research Development), Faculty of Nursing, 3-119 Clinical Sciences.

### Edmonton Epilepsy Association First Annual Epilepsy Research Awards

The Edmonton Epilepsy Association offers two \$600 awards, and additional awards in smaller amounts, designed to assist research related to epilepsy and direct services to people suffering from epilepsy.

Proposals are welcomed from people with a variety of interests (for example, medicine, pharmacy, social work, psychology, nutrition, education, child care, rehabilitation, life skills and employment). *Closing date:* 30 September 1985. *Further information:* Margo Ballash, Executive Director, Edmonton Epilepsy Association, 416-10010-105 Street, Edmonton, Alberta T5J 1C4; 422-2710/4034.

## Positions

*The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.*

*In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

### Non-Academic Positions

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 16 August 1985.*

Clerk Steno II (Term), Recreation and Leisure Studies, (\$1,190-\$1,478)  
Clerk Steno II, Nursing, (\$1,190-\$1,478)  
Senior Financial Records Clerk (Trust), Cancer Research Group, (\$1,326-\$1,666)  
Clerk Steno III (Trust), Extension—Legal Resource Centre, (\$1,326-\$1,666)  
Clerk Steno III, Sociology, (\$1,326-\$1,666)  
Clerk Steno III, Instructional Technology Centre, (\$1,326-\$1,666)  
Clerk Steno III, Comptroller's Office, (\$1,326-\$1,666)  
Clerk Steno III, Education—Field Services, (\$1,326-\$1,666)  
Clerk Steno III, Civil Engineering, (\$1,326-\$1,666)  
Clerk Steno III (Term), Extension (Local Government Studies), (\$1,326-\$1,666)  
Clerk Steno III, Special Sessions, (\$1,326-\$1,666)  
Clerk Steno III, Registrar's Office, (\$1,326-\$1,666)  
Clerk Typist III (Trust) Immunology, (\$1,326-\$1,666)  
Clerk Typist III, Housing and Food Services, (\$1,326-\$1,666)  
Dental Assistant II (Recurring Term), Dental Health Care, (\$1,425-\$1,810)  
Systems Control Clerk II, Physical Plant (\$1,478-\$1,888)  
Medical Stenographer (Trust), Medicine, (\$1,478-\$1,888)

Medical Stenographer, Surgery, (\$1,478-\$1,888)  
Administrative Clerk (Resident Assistant), Housing and Food Services, (\$1,478-\$1,888)  
Administrative Clerk (Term), Music, (\$1,478-\$1,888)  
Administrative Clerk, Romance Languages, (\$1,478-\$1,888)  
Laboratory Assistant, Provincial Laboratory, (\$1,190-\$1,478)  
Equipment Assistant I, Physical Education—Support Services, (\$1,371-\$1,739)  
Storeman I (40 Hour Week) (Full-Time Recurring Term), Housing and Food Services, (\$1,411-\$1,753)  
Public Relations/Publications Assistant I (Trust), Publication Services, (\$1,425-\$1,810)  
Technician I, Anatomy, (\$1,534-\$1,968)  
Technician I, Mechanical Engineering, (\$1,534-\$1,968)  
Technician I (Trust), Surgical-Medical Research Institute, (\$1,534-\$1,968)  
Biology Technician I, Genetics, \$1,534-\$1,968)  
Storeman III, Office of the Registrar, (\$1,666-\$2,144)  
Technician II/Technologist I (Trust), Medical Microbiology, (\$1,739-\$2,237)  
Technician II (Trust), Psychiatry, (\$1,739-\$2,237)  
Biochemistry Technician II/III (Trust), Pediatrics, (\$1,739-\$2,237)  
Biochemistry Technologist I (Trust), Cancer Research Group, (\$1,888-\$2,437)  
Technologist I, Home Economics (Foods and Nutrition), (\$1,888-\$2,437)  
Nurse, University Health Services, (\$1,968-\$2,548)  
Building Superintendent, Physical Plant, (\$2,237-\$2,905)  
Technologist III, Computing Science, (\$2,237-\$2,905)  
Technologist III, Plant Science, (\$2,237-\$2,905)  
Refrigeration Mechanic, Botany, (\$2,569)  
Programmer Analyst III, Computing Science, (\$2,661-\$3,475)  
Millwright Foreman, Physical Plant, (\$3,392/month)

*For vacant Library positions, telephone 432-3339.*

### Academic

#### Chembiomed Ltd.

Chembiomed Ltd. is in the process of expanding its staff in the areas of Biochemistry and Immunology. Resumes are invited from those with training at the NAIT, BSc, MSc and PhD levels. Preference will be given to those with extensive laboratory experience.

Chembiomed Ltd. is a biotechnology company engaged in research and development, marketing and sale of products in the health care area.

Resumes should be sent to Chembiomed Ltd., 11145 - 87 Avenue, Edmonton, Alberta T6G 0Y1.

#### HSS Technical Services Librarian

Reporting to the Area Coordinator, Humanities and Social Sciences Library, the Technical Services Librarian is responsible for the coordination and supervision of technical and processing activities in the Humanities and Social Sciences Library. Responsibilities include selection, training, and evaluation of support staff; determination of work flow priorities; liaison with Cameron Technical Services; provision of reference services; collection development and faculty liaison.

The successful candidate will be appointed at the Librarian I level with a salary range of \$24,604 to \$31,268.

Qualifications: accredited library science degree; technical services experience; subject background in humanities or social sciences preferred; strong service orientation and communication skills.

Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Closing date is 30 August 1985.

#### Science Cataloguer

The University of Alberta Library invites applications for the position of Science Cataloguer. Qualifications required include a degree in Library Science and a science subject background. Previous cataloguing experience with AACR II and LC classification and knowledge of one or more foreign languages, specifically German and/or Russian, would be highly desirable.

The incumbent will report to the Science Cataloguing Unit Head and will be appointed at the Librarian I level with a salary range of \$24,604 to \$31,268.

Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Closing date is 30 August 1985.

#### Secretary, Faculty of Arts

The Faculty of Arts is seeking the services of a Faculty Secretary.

In general terms, the Faculty Secretary is responsible for the development and provision of an administrative support structure which will enable the Faculty's legislative and executive bodies, as well as its planning and policy committees, to function effectively and resourcefully. More specifically, the Faculty Secretary

provides administrative and executive services to Arts Faculty Council and its Executive Committee, to the Academic Planning Committee, the Curriculum Committee and a number of smaller Tenure and Chairman selection committees. The type of services provided will run the gamut from provision of agendas and minutes through the anticipation and researching of information needs.

The Faculty of Arts is one of the largest faculties at the University of Alberta, encompassing some 20 ac units and employing approximately full-time academic staff members. The very large size of the Faculty contributes to the complexity of its committee work and to the volume of coordination required to provide a functional administrative support structure. The Faculty Secretary is therefore an extremely important member of the Faculty's management system.

The preferred candidate will possess above average organizational and interpersonal skills and will ideally have previous experience in working with committees. Preference will be given to candidates with previous work experience in a post-secondary institution. The successful applicant will display a capacity for independent action and decision-making within very broad policy guidelines. Excellent typing skills are required.

This is a full-time position with an Administrative-Professional Officer designation and a 1985-86 salary range of \$25,906 to \$38,869.

Interested candidates should forward their applications, including references, to Mr. Fran Trehearne, Executive Assistant to the Dean of Arts, 6-33 Humanities Centre, University of Alberta, Edmonton, Alberta T6G 2E5.

Deadline for applications is 28 August.

# FOLIO

## Volume Twenty-two Number Four

Office of Public Affairs  
423 Athabasca Hall  
University of Alberta  
Edmonton, Alberta T6G 2E8  
(403) 432-2325

*All enquiries and correspondence should be directed to:*  
Ron Thomas  
Editor

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.

### Deadlines:

**Notices of coming events:** 9 a.m. three weeks in advance of desired publication date.

**Classified advertisements:** 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made.

Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.. **Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

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ISSN 0015-5764  
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## Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50.

Contributors' corrections will be assessed at \$1.50 per line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

### Accommodations available

Rent - Sabbatical, furnished home. Four bedrooms, three bathrooms, two fireplaces, two-car garage. No pets, great for family. Three, treed acres. Thirty minutes from University. September first. \$650/month. 467-2903.  
Rent - Four-bedroom, executive house in exclusive location, 25 minutes University. Large, ravine backyard next to parkland, southern exposure, 24' swimming pool. Available 1 September 1985. \$988 monthly. (403)-453-6512, (403)-459-9604.

Rent - Sabbatical, four-bedroom, two-storey, furnished home in Riverbend. University bus route. Available January to August, 1986. \$950/month. 430-6927.

For lease - Three-bedroom, detached apartment, above office. Quiet neighborhood, opposite Parkallen Park. 1,300 sq. ft. Renovated, five appliances. Fenced yard. \$600. Gordon, 435-8356. 300 sq. ft. office also available.

Sale - Charm and character. Tastefully renovated, two-storey in Groat Estates. Living room, dining room, fireplace, three bedrooms, den, sunporch, deck, private yard. Ten minutes to University. Appointments, 454-2264, 452-7867.

Rent - Three bedroom, Westend. Close to Quesnel. Fireplace, fully furnished. Available late fall. \$750/month. 483-7843.

For rent - 108 St. 82 Ave. Spacious office, very reasonable. Offers. Please call Goetz, 439-0035, 433-6342. Crescent.

Sale - New listing, Parkallen.

Three-bedroom home in quiet location. Lovely, treed lot. Double garage. Owner transferred. \$75,900. Call Joyce Byrne, Spencer's, 435-6064, 436-5250.

Rent - Furnished, basement suite. Bright, clean, cozy. Large, bed-sitting room. Full kitchen, bathroom with shower. Near University. Reasonable. Ideal university student. References. 433-6327.

For sale - By owner. Windsor Park bungalow, three bedrooms plus one, large remodelled kitchen, large sunny windows, study, hardwood floors, extra features, deck. 83 Ave. near campus. \$129,000. Phone 432-7042.

For rent - Charming, restored, older, three-bedroom, furnished house. Three blocks from University. \$750 per month. Please call 432-7845.

Sale - Garneau. Two-storey, gracious home, lots of character. South-facing backyard. Formal dining room, living room plus study. Oak stairways, trim. Walking distance University. Erwin Fissenwert, 476-7128, Crescent Realty, 439-0035.

Rent - Five-bedroom, executive home in Westridge. Five appliances. Ravine. Fully developed basement with sauna. Available 1 September. Phone 487-1352 after 6 p.m.

For sale - Solid, two-bedroom bungalow in Garneau. Offers basement suite, new wiring, furnace and water tank. Asking \$69,900. Robert Kully, Royal LePage, 437-7480, 437-5364.

For sale - Garneau Place. Two-bedroom condominium. Six appliances, drapes, two baths, extra storage and patio deck. Asking \$72,900. Robert Kully, Royal LePage, 437-7480, 437-5364.

Sale - Bright, spacious, custom-built semi-bungalow. Four bedrooms, 1 1/2 baths, fireplace, patio. Exceptional cupboards. Large, beautifully landscaped lots. Close University, bus, schools, parks. 11455 University

Avenue. 436-2584 evenings.  
Rent - 9827 90 Ave. Well-kept home. No pets. 1 October. \$650. Emma, 435-0483.

Sale - Charming, two-storey home. Two blocks to University campus. Has three bedrooms, hardwood floors, sun-room, new furnace and upgraded wiring, etc. Call Wayne Moen, 438-1575 or 477-3688.

Rent - River Valley home. Direct bus to University. Two bedrooms, two bathrooms, and loft. Custom renovation. Unfurnished, fireplace, six appliances. Reasonable rent. Available from 1 September. 987-3676.

Rent - Three-bedroom, westend townhouse. Finished basement, yard, four appliances. Available September. \$600. 487-0789.

Sale - Blue Quill. Four-bedroom, 2 1/2 bathrooms, fireplace. Two-car garage, large deck. Former showhome, extras, drapes, appliances. \$123,500. Owner, 438-3877.

Rent - \$850. Gracious, Mill Creek Ravine home. Four bedrooms plus den, open fireplace, hardwood floors, beautiful condition. Phone 435-5652.

Sale - Quiet, South Petrolia Crescent location. Fully developed, four-bedroom home. Double, attached garage. Immaculate. Owner transferred. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Super, Grandview location. Custom-built home. Quality woodwork. Spacious, four bedrooms. Double attached garage. For details

## Fred Katz

PHOTOGRAPHER

7347 - 104 STREET  
EDMONTON, ALBERTA  
T6E 4B9  
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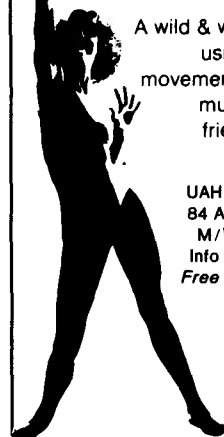
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Sale - Quiet Belgravia location. Bungalow, large lot. For details call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Lots of land plus custom-built, two-storey. Four bedrooms plus den. 1.18 acres. Within city. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Large, residential city lots. All over an acre. For details call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - McKernan. Three, adjacent, revenue homes. Two blocks to University. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

For rent - Bachelor suite, University area. Quiet person wanted. Phone after 27 August at 432-9538.

Share - Roommate needed to share with one other. Three-bedroom, furnished house, including washer and dryer. In University area. Non-smoker preferred. \$250/month plus utilities. Ruth, 439-0910.

For sale - Just listed in Parkdale. Exceptional, redesigned, immaculate, two-storey. Fireplace, three

bathrooms, developed basement. Asking \$105,000. Gisele, 484-4222, (res.) 437-5085. Miles Realty.

Sale - By owner. Three-bedroom, 1,480 sq. ft. bungalow. Sunken family room, living/dining room. Finished basement. Heated, double garage. Covered patio. Ten minutes by bus from University. \$94,900. Call 489-5774 evenings.

Rent - Large, furnished room. Private bathroom and entrance. Quiet, adult home. For graduate student or staff. Non-smoker, abstainer. 433-7197.

#### Accommodations wanted

Responsible graduate student will house-sit your home. Phone Norma, 439-6765; bus. 427-9456.

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Sale - 1980 Peugeot 604SL mirt condition. Power sunroof, A/C, power door locks, cruise, etc. \$7,500, offers, 436-3905, 431-1525.

#### Goods for sale

New Royal typewriters, \$300 and up. Used IBMs when available. Mark 9, HUB Mall. 432-7936.

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# AUCTION

## University of Alberta & Edmonton Public Schools

### Aug. 28th, Wed. at 6:00 p.m.

**Previewing: 12:00 to 6:00 p.m. Aug. 28th**

**14608 - 115th Avenue**

#### Partial Listing:

Birks Regency Silverware, Daiwa Tripon, Pako Print Washer, 19" Portable TV, Movie Projector, Room Dividers, Stainless Steel Sink, Pianos, I.D. Laminator, Metal Key Cabinet, Catering Equipment, Telephones, Cash Register, Tables, Bed Frames, Mattresses, Janitor Mop Wagons, Wood Vanities, Desks, Typewriters, Calculators, Barnstead Sterilizer, Dictating Machines, File Cabinets, Kardex File Cabinets, Chairs, Toro Groundmaster 72, Hydro Sand Spreaders, Billy Goat Vacuum Sweep, 1 ton Crane, and much more . . .